The Columbus Instruments Oxymax - CLAMS (Comprehensive Lab Animal Monitoring System) is a versatile device for monitoring metabolic performance of mice and rats. Customers choose from a selection of sub-systems that allow for the measurement of these possible parameters:

- VO2/VCO2 & RER
- Food Intake
- Drinking Volume
- Urine Production
- Body Mass
- Breaths / Minute
- Animal Activity
- Yoked and/or Paired Feeding
- Core Temp. & Heart Rate
- Running Wheel Activity
- Optional Environmental Enclosure

For more information:
Email: clams@colinst.com
Phone: (614) 276 - 0861 ext. 131

Animal Activity Monitor
The Columbus Instruments Auto-Track Activity Meter presents the ultimate flexibility for measuring in home or special cages. Measures these parameters:

- Distance Traveled
- Path of Movement
- Ambulatory Movement
- Stereotypic Movement
- Rearing (Vertical)
- Rotations
- Open Field
- Hole Poke
- Light / Dark
- Time-In-Square

Rota-Rod: Rotamex-5
The Rotamex-5 measures coordination in up to four mice or rats by recording the latency to fall from a spinning rod. Key features include:

- Reports latency time to fall for each subject
- Reports rod speed in RPMIn. or in cm/sec.
- Adjustable speed from 0-99.9 RPMIn.
- Fully adjustable acceleration 0.1-20 RPMIn/sec.
- Fall detection by photocells above the rod
- Detection of passive rotation (looping) in mice

Animal Treadmill
The Exer 3/6 Treadmill provides 6 mouse lanes or 3 rat lanes for general purpose exercise. Speed is adjustable from 2-102 m/min and acceleration is programmable in 0.1 m/min steps per second. Available with or without electric stimulus or optional stimulus detection system.

Passive & Active Avoidance:
PACS-30 is an automated system used for testing of passive and active avoidance behavior:

- LED Light Stimulus: white light adjustable between 0-150 Lux
- Sound Stimulus: adjustable frequency & volume between 200-13,000 Hz in 100 Hz steps at 70-115 dB
- Shock Stimulus: True Constant-Current adjustable between 0-1000 µA
- Includes Lux Meter and Decibel Meter for calibration
- Photocell detection of transfers
DEPARTMENT OF HEALTH AND HUMAN SERVICES
NATIONAL INSTITUTES OF HEALTH (NIH)
National Center for Complementary and Alternative Medicine

The National Center for Complementary and Alternative Medicine (NCCAM), a component of the National Institutes of Health (NIH), Department of Health and Human Services, seeks an accomplished, innovative neuroscientist to serve as Scientific Director of its Division of Intramural Research (DIR). The Scientific Director will build and lead a vibrant research program focused on the mechanisms and management of pain. This Scientific Director reports to the Director, NCCAM, and will also serve as a member of the NCCAM senior leadership team.

The Scientific Director will develop an overall vision for, and implement a research program focused on increasing understanding of the mechanisms of pain and its central modulation, with the long term goal of strengthening clinical management of chronic pain through the integration of pharmacological and non-pharmacological approaches. Topics of special interest include pathways and mechanisms by which emotion, attention, and other processes modulate pain or pain processing, and mechanisms of the placebo effect. The research program will be highly collaborative with, and leverage the basic and clinical research talent and resources of other ongoing neuroscience and imaging programs of the larger NIH intramural research community.

This exceptional opportunity is available to an accomplished neuroscientist who has a demonstrated track record of internationally recognized research on pain, a commitment to both basic and clinical research, and the leadership and management skills to build and sustain vibrant, collaborative team efforts with colleagues within intramural programs across the NIH.

Applicants must possess an M.D., Ph.D., or equivalent degree in the biomedical sciences, and have professional experience reflecting a broad scientific background and experience in basic and/or clinical neuroscience research. Applicants should be known and respected within their profession, both nationally and internationally, as distinguished individuals of outstanding scientific accomplishment. Salary is commensurate with experience and a full package of Civil Service benefits is available including retirement, health and life insurance, long term care insurance, leave and savings plan (401 K equivalent).

Application Process: Interested candidates should send a letter of interest, including a brief description of research and administrative experience, CV, bibliography, and a list of up to five individuals who can serve as references to: Ms. Belinda Davis at ncamsrrecruits@mail.nih.gov. Email receipt of applications and inquiries is preferred; however, candidates needing reasonable accommodation may fax application materials to 301-402-4741.

Applications will be reviewed starting June 27, 2011, and will be accepted until the position is filled. All information provided by applicants will remain confidential and will not be released outside the NCCAM search process without a signed release from the applicant.

The NIH encourages the application and nomination of qualified women, minorities, and individuals with disabilities. NIH AND DHHS ARE EQUAL OPPORTUNITY EMPLOYERS

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CAREER DEVELOPMENT AWARD

The Society for Neuroscience announces the call for nominations for the Career Development Award, recognizing young neuroscientists who have demonstrated originality and creativity in research.

DEADLINE: MAY 27
For details, visit www.sfn.org/cda

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PETER AND PATRICIA GRUBER INTERNATIONAL RESEARCH AWARD IN NEUROSCIENCE

The Society for Neuroscience announces the call for nominations for the Peter and Patricia Gruber International Research Award in Neuroscience, recognizing young neuroscientists for outstanding research and educational pursuit in an international setting.

DEADLINE: MAY 27
For details, visit www.sfn.org/pgi

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Supported by the Peter and Patricia Gruber Foundation
The Society for Neuroscience announces the call for nominations for the Donald B. Lindsley Prize in Behavioral Neuroscience, recognizing an individual for his or her outstanding PhD thesis in the area of behavioral neuroscience.

**DEADLINE: MAY 27**
For details, visit www.sfn.org/lindsley

The Society for Neuroscience announces the call for nominations for the Jacob P. Waletzky Award, presented to an outstanding young scientist who has conducted or plans to conduct research in the area of substance abuse and the brain and nervous system.

**DEADLINE: MAY 27**
For details, visit www.sfn.org/waletzky

The Society for Neuroscience announces the call for nominations for the Young Investigator Award, recognizing a young neuroscientist’s outstanding achievements and scientific contributions.

**DEADLINE: MAY 27**
For details, visit www.sfn.org/yia

The Society for Neuroscience announces the call for nominations for the Patricia Goldman-Rakic Hall of Honor, posthumously recognizing an outstanding neuroscientist who pursued career excellence and exhibited dedication to the advancement of women in the field of neuroscience.

**DEADLINE: JUNE 3**
For details, visit www.sfn.org/rakic
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